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(71) Applicant (for all designated States except US): KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(72) Inventors; and

(75) Inventors/Applicants (for US only): DUFOUR, Céline [FR/FR]; c/o Société Civile SPID, 156, Boulevard Haussmann, F-75008 PARIS (FR). MARQUANT, Gwenaelle [FR/FR]; c/o Société Civile SPID, 156, Boulevard Haussmann, F-75008 PARIS (FR). VALENTE, Stéphane [FR/FR]; c/o Société Civile SPID, 156, Boulevard Haussmann, F-75008 PARIS (FR).

(74) Agent: LANDOUSY, Christian; Société Civile SPID, 156, Boulevard Haussmann, F-75008 PARIS (FR).

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(54) Title: VIDEO ENCODING AND DECODING METHODS AND CORRESPONDING ENCODING AND DECODING DEVICES

(57) Abstract: The invention relates to an encoding method applied to an input video sequence corresponding to successive scenes subdivided into successive video object planes (VOPs) and generating, for coding all the video objects of said scenes, a coded bitstream the content of which is described in terms of separate channels and constituted of encoded video data in which each data item is described by means of a bitstream syntax allowing to recognize and decode all the elements of said content, said syntax comprising an additional syntactic information provided for describing independently the type of temporal prediction of the various channels. According to the invention, said additional information is a syntactic element placed at the slice level or the macroblock level in the coded bitstream, and its meaning is either specific for each present channel or shared by all existing channels.